

What is claimed is:

*Sub Q36* → 1. An ultrasonic motor for moving a moving body by utilizing vibration of a vibrating body comprising:

said vibrating body being composed of piezoelectric vibrators in which a plurality of piezoelectric bodies are laminated as a whole,

wherein said piezoelectric bodies being a first piezoelectric body having a first polarized portion and a second piezoelectric body that is laminated with said first piezoelectric body in the longitudinal direction parallel to the polarizing direction and having a first polarized portion at position separated from said first polarized portion of said first piezoelectric body in the transverse direction vertical to the polarizing direction; and

said moving body being moved by vibration obtained by combining stretching vibration and bending vibration caused by vibrations of said first polarized portion of said first piezoelectric body and said first polarized portion of said second piezoelectric body in the polarizing direction.

2. The ultrasonic motor according to Claim 1, wherein said first and second piezoelectric bodies have second polarized portions further at positions corresponding to said first polarized portions of own.

3. The ultrasonic motor according to Claim 1, wherein a third piezoelectric body which vibrates in the same phase

with said stretching vibration is laminated in a body.

4. The ultrasonic motor according to Claim 1, wherein a third polarized portion which vibrates in the same phase with the stretching vibration is provided between said first polarized portion of said first piezoelectric body and said first polarized portion of said second piezoelectric body at least in either one of said first piezoelectric vibrator and said second piezoelectric vibrator.

5. The ultrasonic motor according to Claim 1, wherein said moving body is abutted to said laminated piezoelectric vibrator in the horizontal direction.

6. The ultrasonic motor according to any one of Claims 1 through 4, wherein a plurality of said laminated piezoelectric vibrators are abutted to one moving body.

7. An electronic apparatus equipped with the ultrasonic motor comprising the ultrasonic motor described in any one of Claims 1 through 6.

*Add A<sup>37</sup> →*